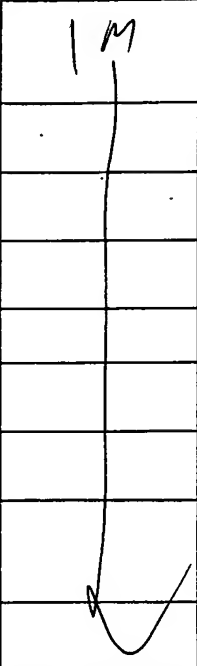





Sheet 1 of 7

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>ROME-0003</b>	Application No. <b>10/803,112</b>
	Applicant <b>Lawrence C. Rome</b>	
	Filing Date <b>March 17, 2004</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>		
	1	"Energy Scavenging with Shoe-Mounted Piezoelectrics Piezoelectric Shoe Power; Two Approaches", <i>IEEE Micro, Computer.org</i> , <a href="http://www.computer.org/micro/homepage/may_june/shenck/01.htm">http://www.computer.org/micro/homepage/may_june/shenck/01.htm</a> , February 28, 2003
	2	"Pedaling onto the Information Superhighway" <a href="http://cnn.technologyprintthis.clickability.com">http://cnn.technologyprintthis.clickability.com</a> , February 18, 2003, 2 pages
	3	Engsberg, J. et al., "Comparison of Effort Between Below-Knee Amputee and Normal Children", <i>Journal of the Association of Children's Prosthetic-Orthotic Clinics</i> , 1991, 26(2), 46-53
	4	Fedak, M.A. et al., "One-step N2-Dilution technique for calibrating Open-Circuit VO2 Measuring Systems", <i>Journal of Applied Physiology</i> , 1981, R51, 772-776
	5	Hirano, M. et al., "Jumping Performance of Frogs( <i>Rana Pipiens</i> ) as a Function of Muscle Temperature", <i>Journal of Experimental Biology</i> , 1984, 108, 429-439
	6	Hong, Y. et al., "Gait and Posture Responses to Backpack Load during Level Walking in Children", <i>Gait and Posture</i> , 2003, 17(1), 28-33
	7	Kram, R., "Carrying Loads with Springy Poles", <i>Journal of Applied Physiology</i> , 1991, 71(3), 1119-1122
	8	LaFriandra, M.E. et al., "The Effect of Walking Grade and Backpack Mass on the Forces Exerted on the Hips and Shoulders by the Backpack", <i>United States Army Research institute of Environmental Medicine. United States Science Conference</i> , 2002, 2 pages
	9	Lutz, G.J. et al., "Built for Jumping: The Design of the Frog Muscular System", <i>Science</i> , 1994, 263, 370-372
	10	Negrini, S. et al., "Backpack as a Daily Load for Schoolchildren", <i>The Lancet</i> , 1999, 354(9194), 1974
EXAMINER	DATE CONSIDERED 11/09/09	

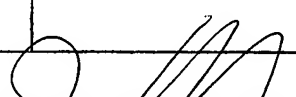
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>		
	11	Taimela, S. et al., "The Prevalence of Low Back Pain Among Children and Adolescents: A Nationwide, Cohort-based Questionnaire Survey in Finland", <i>Spine</i> , 1997, 22(10), 1132-1136
	12	Troussier, B. et al., "Back Pain in School Children a Study Among 1178 Pupils", <i>Scandinavian Journal of Rehabilitation Medicine</i> , 1994, 26, 143-146
	13	Vacheron, JJ. et al., "The Effect of Loads Carried on the Shoulders", <i>Military Medicine</i> , 1999, 164(8), 597-599
	14	De Gaspari, J. et al., "Hot Stuff; Advanced Materials are moving out of the Lab and Into the Commercial World", <i>Mechanical Engineering</i> , 2002, 32-35
	15	James Drake, "The Greatest Shoe on Earth", February 2001, <i>Wired</i> , 90-100
	16	Negrini, et al., "Backpacks On! Schoolchildren's Perception of Load, Associations with Back Pain and Factors Determining the Load", <i>Spine</i> , 2002, 27(2), 187-195
	17	Park, et al., "Ultrahigh Strain and Piezoelectric Behavior in Relaxof Based Ferroelectric Single Crystals", <i>J. Appl. Phys.</i> , 1997, 82, 1804
	18	Pelrine, et al., "Dielectric Elastomers: generator Mode Fundamentals and Applications", <i>Proceedings of SPIE-The International Society for Optical Engineering</i> , 2001, 4329, 148-156
	19	Shenck, N.S. et al., "Energy Scavenging with Shoe-Mounted Piezoelectrics", <i>IEEE</i> , 2001, 30-42
EXAMINER 	DATE CONSIDERED <b>11/05/04</b>	

<b>Form PTO-1449 Modified</b>	Docket No. <b>ROME-0003</b>	Application No. <b>10/803,112</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant <b>Lawrence C. Rome</b>	
U.S. Department of Commerce Patent and Trademark Office	Filing Date <b>March 17, 2004</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>		
17	20	Stanford, S. et al., "Electroactive Polymer Artificial Muscle for Underwater Robotics", <i>SRI International</i> , 10 pages
	21	Xia, et al., "High Electromechanical Responses in Terpolymer of Poly(vinylidene fluoride trifluoroethylene-chlorofluoroethylene)", <i>Adv Masters</i> , 2002, 14, 1574-1577
	22	Kymissis, J. et al., "Parasitic Power Harvesting in Shoes", <i>IEEE Int'l Conference Wearable Computing</i> , 1998, 132-139
	23	Davies, C.T.M. et al., "Maximal Mechanical Power Output of Cyclists and Young Adults", <i>European Journal of Applied Physiology</i> , 1989, 58, 838-844
	24	Martin, J.C., "Inertial-load Method Determines Maximal Cycling Power in a Single Exercise Bout", <i>Medicine and Science in Sports and Exercise</i> , 1997, 29(11), 1505-1512
	25	Vandewalle, H. et al., "Force-Velocity relationship and Maximal Cycling Power on a Cycle Ergometer Correlation with the Height of a Vertical Jump", <i>European Journal of Applied Physiology</i> , 1987, 56, 6650-656
*	26	R.C. Sprague, <i>Unpublished Observations</i> , 2003
*	27	Brooks, G.A. et al., <i>Exercise Physiology</i> , 3 <sup>rd</sup> Ed., 2000
	28	Saltin, B. et al., "Maximal Oxygen Uptake in Athletes", <i>Journal of Applied Physiology</i> , 1967, 23, 353-358
	29	Franklin, B.A. et al., "ACSM's Guidelines for Exercise Testing and Prescription", 6 <sup>th</sup> Ed., page 303
<b>EXAMINER</b>	<b>DATE CONSIDERED</b> 10/05/09	

\* A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner

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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
17	30	Biewener, A.A. et al., "In Vivo Muscle Force-Length Behavior During Steady-Speed Hopping in Tammar Wallabies", <i>Journal of Experimental Biology</i> , 1998, 201(pt11), 1681-1694	
	31	Roberts, T.J. et al., "Muscular force in Running Turkeys: The Economy of Minimizing Work", <i>Science</i> , 1997, 21:275(5303), 1113-1115	
	32	Alexander, R.M. et al., "The Role of Tendon Elasticity in the Locomotion of the Camel", <i>Journal of Zoology</i> , 1982, 198, 293-313	
	33	Alexander, R.M. "Energy-Saving Mechanisms in Walking and Running", <i>Journal of Experimental Biology</i> , 1991, 160, 55-69	
	34	Heglund, N.C. et al., "Energetics and Mechanics of Terrestrial Locomotion. IV. Total Mechanical Energy Changes as a Function of Speed and Body Size in Birds and Mammals", <i>Journal of Experimental Biology</i> , 1982, 97, 57-66	
	35	Biewener, A.A. et al., "Muscle and Tendon Contributions to Force, Work, and Elastic Energy Savings: A Comparative Perspective", <i>Exerc Sport Sci Rev</i> , July 2000, 28(3), 99-107	
	36	Taylor, C.R. et al., "The Energetic Cost of Generating Muscular Force During Running", <i>Journal of Experimental Biology</i> , 1980, 86, 9-18	
	37	Cavagna, G.A. et al., "Mechanical Work in Terrestrial Locomotion: Two Basic Mechanisms for Minimizing Energy Expenditure", <i>American Journal of Physiology</i> , 1977, 233, R243-261	
	38	Holt, K.G. et al., "Increased Musculoskeletal Stiffness During Load Carriage at Increasing Walking Speeds Maintains Constant Vertical Excursion of the Body Center of Mass", <i>Journal of Biomechanics</i> , 2003, 36, 465-471	
	39	Balague, F. et al., "Non-Specific Low Back Pain in Children and Adolescents: Risk Factors", <i>European Spine Journal</i> , 1999, 8(6), 429-438	
EXAMINER <i>[Signature]</i>		DATE CONSIDERED <i>11/09/07</i>	

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>ROME-0003</b>	Application No. <b>10/803,112</b>
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
1h	40	Taimela, S. et al., "The Prevalence of Low Back Pain Among Children and Adolescents: A Nationwide, Cohort-Based Questionnaire Survey in Finland", <i>Spine</i> , 1997, 22(10), 1132-1136	
	41	Hong, Y. et al., "Gait and Posture Responses to Backpack Load During Level Walking in Children", <i>Gait and Posture</i> , 2003, 7(1), 28-33	
	42	Chansirinukor, W. et al., "Effects of Backpacks on Students: Measurement of Cervical and Shoulder Posture", <i>Australian Journal of Physiotherapy</i> , 2001, 47(2), 110-116	
	43	Pascoe, D.D. et al., "Influence of Carrying Book Bags on Gait Cycle and Posture in Youths" <i>Ergonomics</i> , 1997, 40(6), 631-641	
*	44	Hong Kong Society for Child Health and Development. "The Weight of School Bags and its Relation to Spinal Deformity", Hong Kong: The Department of Orthopedic Surgery, University of Hong Kong, The Duchess of Kent Children's Hospital, 1988	
<b>EXAMINER</b> 		<b>DATE CONSIDERED</b> 11/09/04	

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### U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
1M	45	5,136,173	08/04/92	Rynne	290	53
	46	5,617,984	04/08/97	Fabel	224	641
	47	5,696,413	12/09/97	Woodbridge, et al.	310	15
	48	5,769,431	06/23/98	Cordova	280	1.5
	49	5,818,132	10/06/98	Konotchick	310	17
	50	6,020,653	02/01/00	Woodbridge, et al.	290	53
	51	6,360,534 B1	03/26/02	Denniss	60	398
	52	6,545,384 B1	04/08/03	Pelrine, et al.	310	309
	53	6,619,523 B1	09/16/03	Duckworth	224	634
	54	6,622,483 B2	09/23/03	Denniss	60	398

### FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
EXAMINER	J. Rome			DATE CONSIDERED	11/09/04	

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U. S. PATENT DOCUMENTS						
Examiner Initial		Document No.	Date	Name	Class	Subclass
1/14	55	2001/0035723	11/01/01	Pelrine, et al.	318	116
1/14	56	2003/0062723 A1	04/03/03	Mancl, et al.	290	1

FOREIGN PATENT DOCUMENTS						
Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

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